

Monthly Progress Report No. 66

Submitted to: Mr. Frank Battaglia, Project Manager
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Rec'd
1/11/96
F.B.

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RCRA RECORDS CENTER
FACILITY Ciba-Geigy Corp
I.D. NO. RI0001194323
FILE LOC. R-5
OTHER _____

Pursuant to: RCRA I-88-1088

Facility Site: Cranston, RI

Period Covered: December 1995 (November 25, 1995 - December 22, 1995) through
fourth Friday of the month.

Date Submitted: 11 January 1996

1.0 SUMMARY

This is the sixty sixth monthly progress report. There were four areas of significant activity this month.

- **PCB Soil Removal IRM** - This report is intended as an addendum to Section 6.0 of the CMS; however, for completeness, it will now be presented as a "**stand alone report**" with more detail and supporting information, including a full discussion of field activities, improved graphics showing different phases of removal, sampling results, classification tests for disposal, photographs of field activities and copies of all correspondence. The submittal date is now mid to late January 1996.
- **Stabilization IRM** - The groundwater extraction and pretreatment system continued to operate 24 hours a day 7 days a week. The result of the aquifer pump tests have been received and are now being evaluated. The SVE was operated briefly in the manual mode but still is not sufficiently automated to operate continuously.
- **Cofferdam Sediment IRM** - The sediment removal from the Cofferdam Area was completed in mid-December and the last stabilized material sent off-site for disposal. A "**witness barrier**" was installed at the bottom of the excavation and clean soil backfilled on top to the river bottom surface. The portable wastewater discharge was discontinued on December 16 and the sheet piling on three sides removed without



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incident or disturbance. Sheeting was left in place near the bulkhead for additional structural support. Demobilization of equipment started before Christmas.

- **River RFI/CMS** - On December 12, 1995, a presentation was made to the EPA and RIDEM on the existing and future ecological quality of the Pawtuxet River, upstream, along the facility reach, and downstream. Overall, the entire river bottom appears to be severely impacted and is unlikely to show any significant improvement unless clean sediment enters the system upstream. Removal of the cofferdam sediment will provide a brief localized improvement, but the bottom may return to existing distressed background conditions without the clean sediment. Draft reports on the river ecological assessment and the fate and transport modeling of the sediment should be submitted to the EPA and RIDEM by the end of January 1996.

2.0 TASKS AND ACTIVITIES COMPLETED

The sampling and other activities (subtasks) that were completed are reported here.

2.1 Sampling Activities Completed

The bottom of the Cofferdam excavation, including the “**Hotspot**”, were sampled prior to backfilling. These results were not available in December. Routine sampling of the pretreatment discharges from the groundwater extraction system and from the Cofferdam excavation continued periodically during the month. No exceedences were observed. The reports are available upon request.

2.2 Other Activities Completed

The Cofferdam IRM was completed as described in Section 1.0 above.

3.0 JEOPARDY TASKS

The continuous operation of the SVE System has been delayed until late January when it should be fully automated. The groundwater extraction system has been operating, and reversing the gradient as required since September 29 such that Ciba is meeting all environmental goals for stabilization. The function of the SVE System is to accelerate the cleanup by removing high vapor levels from soil and phase separated volatile organics from the groundwater upgradient from the stabilization.

4.0 OTHER TASKS UNDERWAY (and on schedule)

Tasks that were underway and on schedule as of December 22, 1995, were described in Section 1.0.

5.0 DATA OBTAINED

No new data was received in December.

6.0 PROBLEM AREAS

No unresolved, new, potential, not outstanding (i.e., still unresolved) problem areas are reported here.

7.0 SCHEDULE OF TASKS (next two months)

The projected schedule is provided here. It covers the tasks to be performed in the next two months (January 1995 and February 1996), along with other comments or considerations.

Target Date	Task#	Task	Comments/Consideration
complete	-	On-Site Soil IRM	None
complete	-	River IRM	None
ongoing	9	Project Management	None
ongoing	10	Data Management	None
ongoing	11	Project Administration	None
ongoing	12	Quality Assurance	None
ongoing	13	Health & Safety Assurance	None

- Finalize and submit the Soil IRM Report.
- Begin the Cofferdam IRM Report.
- Submit draft Ecological Assessment and River Modeling Reports for the Pawtuxet River.
- Continue preparation of the River RFI.
- Evaluate Extraction Well Pump Tests.
- Operate SVE System continuous.

8.0 CHANGES IN WORK PLAN

No changes were made to the Work Plan during this reporting period.

9.0 OTHER COMMENTS

None

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